

| | | | |
|----------------------------|--|--|------------------------------|
| Form PTO 1449 Rev. 7-80 | U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary) | Atty. Docket No. CH-7811/LeA 36,284 | Serial No. To Be Assigned |
| | | Applicant Ulrich Scholtz et al | |
| | | Filing Date Herewith | Group 1621 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|----------|---------------------------------------|----------------|----------|-------------------------------|
| <i>[Signature]</i> | AA | 5,616,767 | 04/01/97 | Def. to corresp. to EP Enlow et al | 720-905 558 | 92 | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--------------------|----|-----------------|----------|---------------------------|-------|----------|-------------|-----|
| | | | | | | | Yes | No* |
| <i>[Signature]</i> | AL | 01/94278 | 12/13/01 | World (Abstract Attached) | | | | X |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|--------------------|---|
| <i>[Signature]</i> | AR | Manfred T. Reetz* and Gerlinde Mehler; Angew. Chem. Int. Ed. (month unavailable) 2000, 39, No. 21, pgs. 3889-3890; "Highly Enantioselective Rh-Catalyzed Hydrogenation Reactions Based on Chiral Monophosphite Ligands" |
| <i>[Signature]</i> | AS | Patrick H. Dussault* and Kevin R. Woller; J. Org. Chem. (month unavailable) 1997, 62, pgs. 1556-1559; "Approaches to Stereoselective Dioxygenation of Alkenes: Chiral Phosphite Ozonides" |
| <i>[Signature]</i> | AT | American Chemical Society; Journal of Organic Chemistry, v62, page 1556, Dussault Supple- mental pages 1-14 |
| EXAMINER | <i>[Signature]</i> | DATE CONSIDERED 3/29/05 |
| EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

• Neither English Language Equivalent nor an English Language Translation is available.

| | | | |
|----------------------------|--|---|------------------------------|
| Form PTO 1449 Rev. 7-80 | U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary) | Atty. Docket No. CH-78111/LeA 36,284 | Serial No. To Be Assigned |
| | | Applicant Ulrich Scholtz et al | |
| | | Filing Date Herewith | Group 1621 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

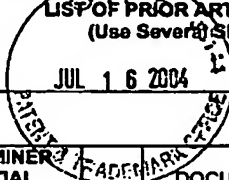
FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

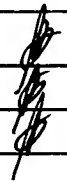
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|------------------|--|
| AR | Jean-Michel Brunel and Gerard Buono*; J. Org. Chem. (month unavailable) 1993, 58, pgs. 7313-7314; "A New and Efficient Method for the Resolution of 1,1'-Binaphthalene-2,2-diol" |
| AS | |
| AT | |
| EXAMINER | DATE CONSIDERED |
| EXAMINER Initial | if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant. |

Neither English Language Equivalent nor an English Language Translation is available.

| | | | |
|---|--|--|--------------------------|
| Form PTO 1449 Rev. 7-80 | U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets if Necessary) | Atty. Docket No. CH-7811/LeA 36,284 | Serial No. 10/650,012 |
|  | | Applicant Ulrich Scholz et al | |
| | | Filing Date August 28, 2003 | Group 1621 |




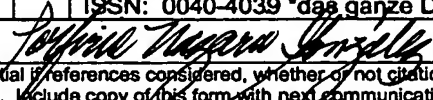
U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | TRADEMARK OFFICE | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---------------------|-----------------|----------|--|----------------|----------|-------------------------------|
|  | AA | 5,998,326 | 12/07/99 | Bel. to corresp. to EP Hofner et al | 885911 502 | 155 | |
| | AB | 6,204,347 | 03/20/01 | Bel. to corresp. to EP Hofner et al | 885911 523 | 172 | |
| | AC | 2003/0171608 | 9/11/03 | Bel. to corresp. to WO Restz et al | 0404378 558 | 348 | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|-----|
| | | | | | | | Yes | No* |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|----|--|
|  | AR | CAI, JUE XIAO ET AL: "A new convenient method for the resolution of 1,1'-binaphthalene-2,2'-diol via a phosphite using (-)-menthol as resolving agent" CHINESE CHEMICAL LETTERS (2002), 13(7), 617-619, 2002, XP001172891 *Seite 618, Unten * |
|  | AS | BEDEKAR, A.V. ET AL: "Intramolecular asymmetric olefination of binaphthyl phosphonate derivatives of 1,3-diketones" TETRAHEDRON: ASYMMETRY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, Bd. 13, Nr. 7, 2 Mai 2002 (2002-05-02), Seiten 721-727, XP004354864 ISSN: 0957-4166 *das ganze Dokument* |
|  | AT | CHEN W ET AL: "Enantioselective hydrogenation with inexpensive, easily available monodentate phosphite ligands" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, Bd. 42, Nr. 15, 9. April 2001 (2001-04-09), Seiten 2897-2899, XP004232343 ISSN: 0040-4039 *das ganze Dokument* |
| EXAMINER  | | DATE CONSIDERED 3/26/05 |
| EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

Neither English Language Equivalent nor an English Language Translation is available.

| | | | |
|--|--|--|--------------------------|
| Form PTO 1449 Rev. 7-80 | U.S. Department of Commerce Patent and Trademark Office | Atty. Docket No. CH-7811/LaA 36,284 | Serial No. 10/650,012 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary) | | Applicant Ulrich Scholtz et al | |
| | | Filing Date August 26, 2003 | Group 1621 |

JUL 16 2004

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | TRADEMARK OFFICE | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---------------------|-----------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|-----|
| | | | | | | | Yes | No* |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|-------------------------|---|
| <input checked="" type="checkbox"/> | AR | CHEN W ET AL: "Asymmetric activation of conformationally flexible monodentate phosphites for enantioselective hydrogenation" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, Bd. 42, Nr. 49, 3. Dezember 2001 (2001-12-03), Seiten 8737-8740, XP004321537 ISSN: 0040-4039 *das ganze Dokument* |
| <input type="checkbox"/> | AS | |
| <input type="checkbox"/> | AT | |
| EXAMINER | <i>Jeffrey M. Hagan</i> | |
| | DATE CONSIDERED | <i>3/26/05</i> |
| EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

* Neither English Language Equivalent nor an English Language Translation is available.

/sr

S:\Chem Pittsburg\Law Shared\SHARED\GRA\PATENTS\7811\Euro. Art.doc